



ArcReach® Heater Air-Cooled Induction System

See literature IN/16.0

Field preheat and bakeout applications up to 315°C (600°F).



ArcReach Heater



Air-cooled cable

Air-cooled quick wrap

ArcReach Heater systems are lightweight and portable for field preheating and bakeout applications, enhancing efficiency and economic advantages. The induction heating tools (air-cooled cables or air-cooled quick wraps) connect to the ArcReach Heater, which is powered by select on-site welding power sources. With ArcReach Heater systems you can:

- Eliminate the costly overruns common with heating contractors
- Eliminate delays due to transitions between heating and welding crews
- Run your own schedule without depending on third-party contractors
- Use existing on-site welding equipment up to 61 m (200 ft.) away as the heating power source
- Automatically and accurately document joint temperatures
- Eliminate safety concerns caused by traditional resistance and open-flame heating

Easy setup with flexibility to fit a variety of pipe diameters, plates or odd geometries.

Time-to-temperature is faster than conventional processes due to the method of applying heat, reducing cycle time.

Uniform heating is maintained along and through the heat zone by using induction heat within the material.

Improved working environment during welding. Welders are not exposed to open flames, explosive gases and hot elements.

ArcReach Heater is equipped with built-in temperature control allowing for either manual or computer-loaded programming using up to six thermocouples. It can run either one or two heating tools (air-cooled cable or air-cooled quick wrap) at the same time. Requires ArcReach Heater extension cable to operate.



Industrial ●

Process

- Induction heating

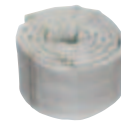
Suggested power sources

- XMT® 350 FieldPro™
- XMT® 650 ArcReach
- Big Blue® Series (ArcReach models only)

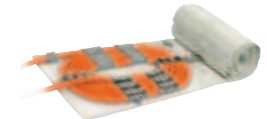
Most popular accessories



- **ArcReach Heater Extension Cable** 301451 3 m (10 ft.)
- **Air-Cooled Quick Wrap** 301452
- **Air-Cooled Cable** 301453030 9.1 m (30 ft.) 301453050 15.2 m (50 ft.) 301453080 24.4 m (80 ft.)
- **Cable Cover** 204611 9.1 m (30 ft.) 204614 15.2 m (50 ft.) 204620 24.4 m (80 ft.)



- **Preheat Insulation** 204669 1.3 x 15 x 305 cm (1/2 x 6 x 120 in.) 195376 1.3 x 15 x 610 cm (1/2 x 6 x 240 in.) 211474 1.3 x 31 x 305 cm (1/2 x 12 x 120 in.)



- **Preheat Insulation w/Cable Harness** 301334 1.3 x 41 x 305 cm (1/2 x 16 x 120 in.)
- **Series Cable Adapter** 195437
- **High-Temperature Rope** 194965
- **Temperature Measurement** (two options available) Contact Thermocouple Sensor (Probe) 301517 **OR** welded on thermocouples which require 152 m (500 ft.) Thermocouple Wire 194999, Thermocouple Connectors (10 pack) 195098, and Thermocouple Attachment Unit 194959

Stock Number

- 301390 Heater only — requires ArcReach Heater extension cable to operate
301591 Heater only, CE

Input Power

Operates on open-circuit voltage: 50–70 V provided by an XMT 350 FieldPro, XMT 650 ArcReach or a compatible ArcReach-equipped engine drive

Output Current

200 A

Output Voltage

300 V

Source Current

33 A

Output Frequency

5–30 kHz

Rated Output

7.8 kW at 100% duty cycle

Heater Dimensions

H: 472 mm (18.6 in.)
W: 285 mm (11.2 in.)
D: 678 mm (26.7 in.)

Heater Net Weight

20 kg (43 lb.)